

## **ABSTRACT OF THE DISCLOSURE**

Methods and devices of performing an improved anterior capsulorhexis, wherein the capsulorhexis is more precisely sized, shaped and positioned on the eye lens capsule are described. A capsulorhexis, also referred to as a capsulotomy, is a procedure for creating an aperture in a lens capsule by making an incision. The incision should be of a certain size and shape and be positioned on the capsule as determined by the surgeon. An image projection device is used to project a visible target image on the anterior or posterior of the lens capsule as a guide or trackable image for the surgeon. Before a procedure begins, a target image is configured by a surgeon to have a desired size and shape. During the procedure, target image is projected onto a desired location on the surface of lens capsule. In another preferred embodiment, a template is configured to a desired shape and size by a surgeon to correspond to the appropriate capsulorhexis. Once configured, the template is inserted into the anterior chamber, using an appropriate delivery mechanism if necessary. The template is used to make a physical impression or mark on the lens capsule wherein the mark closely corresponds to the intended incision.

20